

## HYDRAULICS

### Introduction

If there is a popping noise in a Lippert leveling system, Lippert has approved adding a quart of anti-stiction fluid. Approved fluids are listed by brand name and fluid characteristics below:

- Torco RFF Grade 15 (Fig. 1)
- Maxima Fork Oil Grade 15 (Fig. 2)
- Caterpillar Hydraulic Oil Additive 1U-9891 (Fig. 3)

For maximum results in the shortest amount of time, follow the procedure as written below. Failure to follow the procedure may result in delayed resolution of the noise.

### Resources Required

- Clean container large enough to hold a quart of fluid
- Fluid extraction device (siphon, turkey baster, etc.)

### Procedure

**NOTE:** Make sure unit is hooked up to tow vehicle before fully retracting leveling jacks.

1. Fully retract slide-outs and jacks.
2. Using a fluid extraction device, remove one quart of fluid from the power unit reservoir.
3. Add a half quart of the specified anti-stiction fluid to the power unit reservoir.
4. Remove unit from tow vehicle using unhitching instructions found in the owner's manual.
5. Run Auto-Level feature on the Level-Up system per instructions found in the owner's manual.
6. Add remaining half quart of specified anti-stiction fluid to power unit reservoir.
7. Fully extend all slide-outs.
8. Fully retract all slide-outs.
9. Hook up unit to tow vehicle using Hitch Recognition per instructions found in the owner's manual.
10. Check fluid level in power unit reservoir.

**NOTE:** Fluid should be no less than ½" from fill cap.

11. Remove unit from tow vehicle using unhitching instructions found in the owner's manual.
12. Run Auto Level feature on the Level-Up system per instructions found in the owner's manual.
13. Fully extend all slide-outs.

**NOTE:** If the noise persists, the addition of a second quart of the anti-stiction fluid may be necessary. Repeat steps 1 through 13. Do not use more than two quarts of anti-stiction fluid. If noise persists after the two quarts, call Customer Care Center at 432-LIPPERT for further assistance.

Fig. 1



Fig. 2

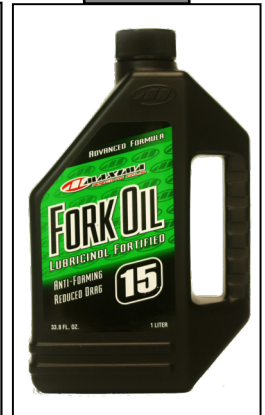


Fig. 3

